

Serial#: 10/594,046
STRUCTURE SEARCH

=> FILE HCAPLUS

FILE 'HCAPLUS' ENTERED AT 13:10:29 ON 15 JAN 2010
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FILE COVERS 1907 - 15 Jan 2010 VOL 152 ISS 4
FILE LAST UPDATED: 14 Jan 2010 (20100114/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

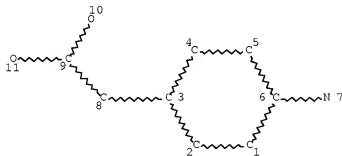
<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

'OBI' IS DEFAULT SEARCH FIELD FOR 'HCAPLUS' FILE

=> D STAT QUE L20

L6 STR



NODE ATTRIBUTES:

NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS C	AT	7

```

NSPEC   IS C      AT    8
NSPEC   IS C      AT    9
NSPEC   IS C      AT   10
NSPEC   IS C      AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS  AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

```

```

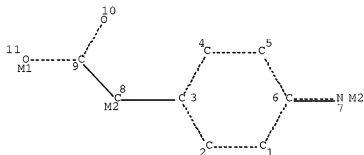
GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 11

```

```

STEREO ATTRIBUTES: NONE
L7 (      17336)SEA FILE=REGISTRY SSS FUL L6
L8          STR

```



```

NODE ATTRIBUTES:
HCOUNT IS M2      AT    7
HCOUNT IS M2      AT    8
HCOUNT IS M1      AT   11
NSPEC   IS R       AT    1
NSPEC   IS R       AT    2
NSPEC   IS R       AT    3
NSPEC   IS R       AT    4
NSPEC   IS R       AT    5
NSPEC   IS R       AT    6
NSPEC   IS C       AT    7
NSPEC   IS C       AT    8
NSPEC   IS C       AT    9
NSPEC   IS C       AT   10
NSPEC   IS C       AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS  AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

```

```

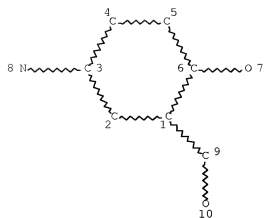
GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 11

```

```

STEREO ATTRIBUTES: NONE
L9          78 SEA FILE=REGISTRY SUB=L7 SSS FUL L8
L12         STR

```



NODE ATTRIBUTES:

```

NSPEC  IS R      AT   1
NSPEC  IS R      AT   2
NSPEC  IS R      AT   3
NSPEC  IS R      AT   4
NSPEC  IS R      AT   5
NSPEC  IS R      AT   6
NSPEC  IS C      AT   7
NSPEC  IS C      AT   8
NSPEC  IS C      AT   9
NSPEC  IS C      AT  10
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT   7  8  9 10
DEFAULT ECLEVEL IS LIMITED

```

GRAPH ATTRIBUTES:

```

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 10

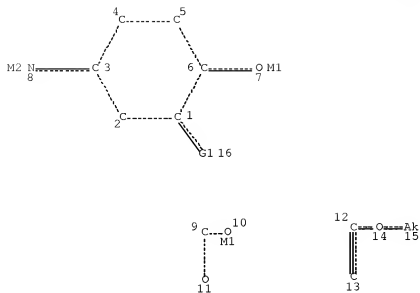
```

STEREO ATTRIBUTES: NONE

```

L13 (      45102)SEA FILE=REGISTRY SSS FUL L12
L14          STR

```



VAR G1=9/12

NODE ATTRIBUTES:

HCOUNT	IS	M1	AT	7
HCOUNT	IS	M2	AT	8
HCOUNT	IS	M1	AT	10
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
NSPEC	IS	R	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	C	AT	8
NSPEC	IS	C	AT	9
NSPEC	IS	C	AT	10
NSPEC	IS	C	AT	11
NSPEC	IS	C	AT	12
NSPEC	IS	C	AT	13
NSPEC	IS	C	AT	14
NSPEC	IS	C	AT	15
NSPEC	IS	C	AT	16

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 7 8 9 10 11 12 13 14 15

DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L15 156 SEA FILE=REGISTRY SUB=L13 SSS FUL L14

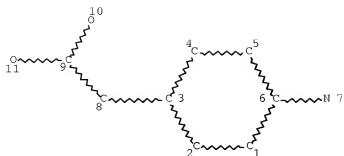
L16 233 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L9 OR L15

L20 3565 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L16

=> D STAT QUE L21

L4

STR



NODE ATTRIBUTES:

```

NSPEC  IS R      AT    1
NSPEC  IS R      AT    2
NSPEC  IS R      AT    3
NSPEC  IS R      AT    4
NSPEC  IS R      AT    5
NSPEC  IS R      AT    6
NSPEC  IS C      AT    7
NSPEC  IS C      AT    8
NSPEC  IS C      AT    9
NSPEC  IS C      AT   10
NSPEC  IS C      AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

```

GRAPH ATTRIBUTES:

```

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 11

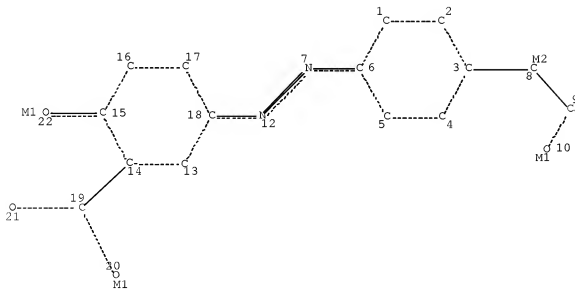
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STEREO ATTRIBUTES: NONE

```

L5      17336 SEA FILE=REGISTRY SSS FUL L4
L17     STR

```



Page 1-A

9
 -----0
 11

Page 1-B

NODE ATTRIBUTES:

HCOUNT	IS	M2	AT	8
HCOUNT	IS	M1	AT	10
HCOUNT	IS	M1	AT	20
HCOUNT	IS	M1	AT	22
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
NSPEC	IS	R	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	C	AT	8
NSPEC	IS	C	AT	9
NSPEC	IS	C	AT	10
NSPEC	IS	C	AT	11
NSPEC	IS	C	AT	12
NSPEC	IS	R	AT	13
NSPEC	IS	R	AT	14
NSPEC	IS	R	AT	15
NSPEC	IS	R	AT	16
NSPEC	IS	R	AT	17
NSPEC	IS	R	AT	18
NSPEC	IS	C	AT	19
NSPEC	IS	C	AT	20
NSPEC	IS	C	AT	21
NSPEC	IS	C	AT	22
DEFAULT MLEVEL IS ATOM				
MLEVEL	IS	CLASS	AT	7 8 9 10 11 12 19 20 21 22
DEFAULT ECLEVEL IS LIMITED				

GRAPH ATTRIBUTES:

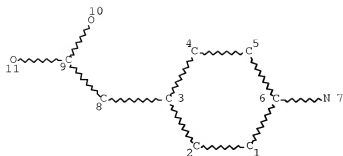
RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

L19 1 SEA FILE=REGISTRY SUB=L5 SSS FUL L17
L21 4 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L19

=> D STAT QUE L45

L4 STR



NODE ATTRIBUTES:

NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS C	AT	7
NSPEC	IS C	AT	8
NSPEC	IS C	AT	9
NSPEC	IS C	AT	10
NSPEC	IS C	AT	11

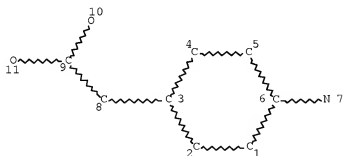
DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 7 8 9 10 11
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L5 17336 SEA FILE=REGISTRY SSS FUL L4
 L6 STR



NODE ATTRIBUTES:

NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS C	AT	7

```

NSPEC   IS C      AT    8
NSPEC   IS C      AT    9
NSPEC   IS C      AT   10
NSPEC   IS C      AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS  AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

```

```

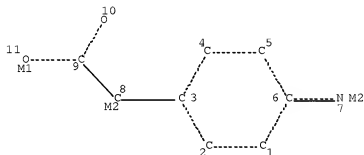
GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 11

```

```

STEREO ATTRIBUTES: NONE
L7 (      17336)SEA FILE=REGISTRY SSS FUL L6
L8          STR

```



```

NODE ATTRIBUTES:
HCOUNT IS M2      AT    7
HCOUNT IS M2      AT    8
HCOUNT IS M1      AT   11
NSPEC   IS R        AT    1
NSPEC   IS R        AT    2
NSPEC   IS R        AT    3
NSPEC   IS R        AT    4
NSPEC   IS R        AT    5
NSPEC   IS R        AT    6
NSPEC   IS C        AT    7
NSPEC   IS C        AT    8
NSPEC   IS C        AT    9
NSPEC   IS C        AT   10
NSPEC   IS C        AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS  AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

```

```

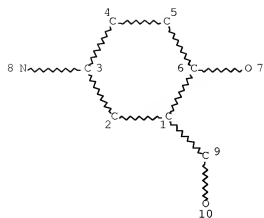
GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 11

```

```

STEREO ATTRIBUTES: NONE
L9          78 SEA FILE=REGISTRY SUB=L7 SSS FUL L8
L12         STR

```

NODE ATTRIBUTES:

```

NSPEC  IS R      AT   1
NSPEC  IS R      AT   2
NSPEC  IS R      AT   3
NSPEC  IS R      AT   4
NSPEC  IS R      AT   5
NSPEC  IS R      AT   6
NSPEC  IS C      AT   7
NSPEC  IS C      AT   8
NSPEC  IS C      AT   9
NSPEC  IS C      AT  10
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT   7  8  9 10
DEFAULT ECLEVEL IS LIMITED
  
```

GRAPH ATTRIBUTES:

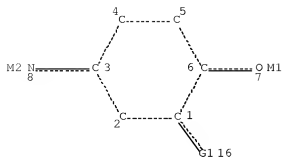
```

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 10
  
```

STEREO ATTRIBUTES: NONE

```

L13 (      45102)SEA FILE=REGISTRY SSS FUL L12
L14          STR
  
```



VAR G1=9/12

NODE ATTRIBUTES:

HCOUNT	IS	M1	AT	7
HCOUNT	IS	M2	AT	8
HCOUNT	IS	M1	AT	10
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
NSPEC	IS	R	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	C	AT	8
NSPEC	IS	C	AT	9
NSPEC	IS	C	AT	10
NSPEC	IS	C	AT	11
NSPEC	IS	C	AT	12
NSPEC	IS	C	AT	13
NSPEC	IS	C	AT	14
NSPEC	IS	C	AT	15
NSPEC	IS	C	AT	16

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 7 8 9 10 11 12 13 14 15

DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

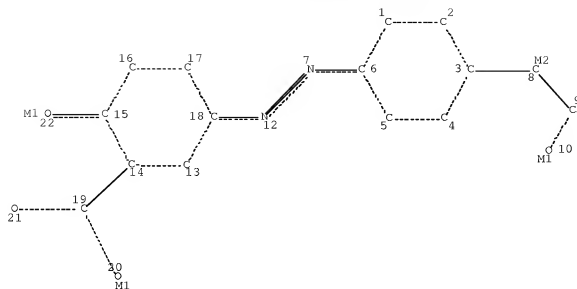
NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L15 156 SEA FILE=REGISTRY SUB=L13 SSS FUL L14

L16 233 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L9 OR L15

L17 STR



Page 1-A



Page 1-B

NODE ATTRIBUTES:

HCOUNT	IS	M2	AT	8
HCOUNT	IS	M1	AT	10
HCOUNT	IS	M1	AT	20
HCOUNT	IS	M1	AT	22
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
NSPEC	IS	R	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	C	AT	8
NSPEC	IS	C	AT	9
NSPEC	IS	C	AT	10
NSPEC	IS	C	AT	11
NSPEC	IS	C	AT	12
NSPEC	IS	R	AT	13
NSPEC	IS	R	AT	14
NSPEC	IS	R	AT	15
NSPEC	IS	R	AT	16
NSPEC	IS	R	AT	17
NSPEC	IS	R	AT	18
NSPEC	IS	C	AT	19
NSPEC	IS	C	AT	20
NSPEC	IS	C	AT	21
NSPEC	IS	C	AT	22
DEFAULT	MLEVEL	IS	ATOM	
MLEVEL	IS	CLASS	AT	7 8 9 10 11 12 19 20 21 22

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

L19 1 SEA FILE=REGISTRY SUB=L5 SSS FUL L17
L20 3565 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L16
L21 4 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L19
L45 3 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L20 AND L21

=> FILE WPIX

FILE 'WPIX' ENTERED AT 13:10:51 ON 15 JAN 2010
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FILE LAST UPDATED: 12 JAN 2010 <20100112/UP>
MOST RECENT UPDATE: 201003 <201003/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE
>>> Now containing more than 1.5 million chemical structures in DCR <<<

>>> IPC, ECLA, US National Classifications and Japanese F-Terms
and FI-Terms have been updated with reclassifications to
end of September 2009.
No update date (UP) has been created for the reclassified
documents, but they can be identified by
specific update codes (see HELP CLA for details) <<<

FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,
PLEASE VISIT:
http://www.stn-international.com/stn_guide.html

FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE
<http://scientific.thomsonreuters.com/support/patents/coverage/latestupdates/>

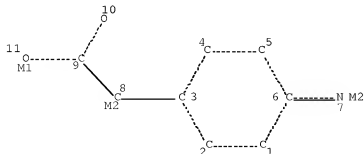
EXPLORE DERWENT WORLD PATENTS INDEX IN STN ANAVIST, VERSION 2.0:
http://www.stn-international.com/DWPIAnaVist2_0608.html

>>> HELP for European Patent Classifications see HELP ECLA, HELP ICO <<<

>>> Japanese FI-TERM thesaurus in field /FCL added --> see NEWS <<<

=> D STAT QUE L56

L8 STR



NODE ATTRIBUTES:

HCOUNT	IS	M2	AT	7
HCOUNT	IS	M2	AT	8
HCOUNT	IS	M1	AT	11
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
NSPEC	IS	R	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	C	AT	8
NSPEC	IS	C	AT	9
NSPEC	IS	C	AT	10
NSPEC	IS	C	AT	11

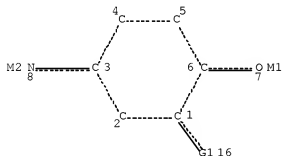
DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 7 8 9 10 11
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L14 STR



VAR G1=9/12

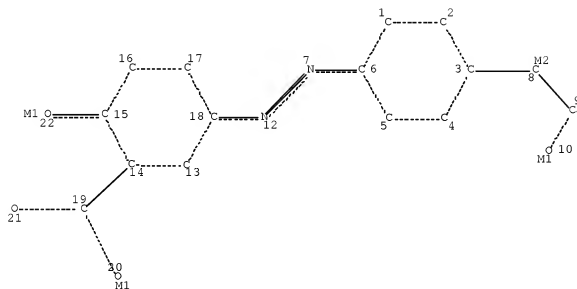
NODE ATTRIBUTES:

HCOUNT	IS	M1	AT	7
HCOUNT	IS	M2	AT	8
HCOUNT	IS	M1	AT	10
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
NSPEC	IS	R	AT	6

NSPEC IS C AT 7
 NSPEC IS C AT 8
 NSPEC IS C AT 9
 NSPEC IS C AT 10
 NSPEC IS C AT 11
 NSPEC IS C AT 12
 NSPEC IS C AT 13
 NSPEC IS C AT 14
 NSPEC IS C AT 15
 NSPEC IS C AT 16
 DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 7 8 9 10 11 12 13 14 15
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
 L17 STR



Page 1-A



Page 1-B

NODE ATTRIBUTES:
 HCOUNT IS M2 AT 8
 HCOUNT IS M1 AT 10
 HCOUNT IS M1 AT 20
 HCOUNT IS M1 AT 22
 NSPEC IS R AT 1
 NSPEC IS R AT 2
 NSPEC IS R AT 3
 NSPEC IS R AT 4

```

NSPEC  IS R      AT  5
NSPEC  IS R      AT  6
NSPEC  IS C      AT  7
NSPEC  IS C      AT  8
NSPEC  IS C      AT  9
NSPEC  IS C      AT 10
NSPEC  IS C      AT 11
NSPEC  IS C      AT 12
NSPEC  IS R      AT 13
NSPEC  IS R      AT 14
NSPEC  IS R      AT 15
NSPEC  IS R      AT 16
NSPEC  IS R      AT 17
NSPEC  IS R      AT 18
NSPEC  IS C      AT 19
NSPEC  IS C      AT 20
NSPEC  IS C      AT 21
NSPEC  IS C      AT 22
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT  7  8  9 10 11 12 19 20 21 22
DEFAULT ECLEVEL IS LIMITED

```

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

```

L47      3 SEA FILE=WPIX SSS FUL L8
L49      6 SEA FILE=WPIX SSS FUL L14
L50      9 SEA FILE=WPIX SPE=ON  ABB=ON  PLU=ON  L47 OR L49
L52      1 SEA FILE=WPIX SSS FUL L17
L53     459 SEA FILE=WPIX SPE=ON  ABB=ON  PLU=ON  L50/DCR
L54      3 SEA FILE=WPIX SPE=ON  ABB=ON  PLU=ON  L52/DCR
L56      1 SEA FILE=WPIX SPE=ON  ABB=ON  PLU=ON  L53 AND L54

```

=> DUP REMOVE L45 L56

FILE 'HCAPLUS' ENTERED AT 13:11:05 ON 15 JAN 2010
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FILE 'WPIX' ENTERED AT 13:11:05 ON 15 JAN 2010
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PROCESSING COMPLETED FOR L45
PROCESSING COMPLETED FOR L56

L68 3 DUP REMOVE L45 L56 (1 DUPLICATE REMOVED)
ANSWERS '1-3' FROM FILE HCAPLUS

=> S L68 NOT L67

L69 0 L68 NOT L67

Serial#: 10/594,046
SEARCH HISTORY

FILE 'HCAPLUS' ENTERED AT 11:02:25 ON 15 JAN 2010
E US2006-594046
E US2006-594046/APPS
L1 2 SEA SPE=ON ABB=ON PLU=ON US2006-594046/AP
L2 1 SEA SPE=ON ABB=ON PLU=ON L1 NOT ELECTRONIC/TI
SEL RN

FILE 'REGISTRY' ENTERED AT 11:03:22 ON 15 JAN 2010
L3 13 SEA SPE=ON ABB=ON PLU=ON (1197-55-3/BI OR 89-57-6/BI OR
101351-18-2/BI OR 103-82-2/BI OR 18699-02-0/BI OR 19910-33-9/BI
OR 402934-68-3/BI OR 402934-69-4/BI OR 51-59-2/BI OR 54-21-7/B
I OR 59430-62-5/BI OR 7632-00-0/BI OR 866320-50-5/BI)
D SCAN
ACT SPI046REGL6/A

L4 STR
L5 17336 SEA SSS FUL L4

ACT SPI046REGL9/A

L6 STR
L7 (17336)SEA SSS FUL L6
L8 STR
L9 78 SEA SUB=L7 SSS FUL L8

ACT SPI046REGL12/A

L10 STR
L11 45182 SEA SSS FUL L10

ACT SPI046REGL15/A

L12 STR
L13 (45182)SEA SSS FUL L12
L14 STR
L15 156 SEA SUB=L13 SSS FUL L14

L16 233 SEA SPE=ON ABB=ON PLU=ON L9 OR L15
D L4
L17 STRUCTURE UPLOADED
D
L18 0 SEA SUB=L5 SSS SAM L17
L19 1 SEA SUB=L5 SSS FUL L17

FILE 'HCAPLUS' ENTERED AT 11:31:05 ON 15 JAN 2010
L20 3565 SEA SPE=ON ABB=ON PLU=ON L16
L21 4 SEA SPE=ON ABB=ON PLU=ON L19
L22 40998 SEA SPE=ON ABB=ON PLU=ON COLON+OLD,PFT/CT
L23 275 SEA SPE=ON ABB=ON PLU=ON L20 AND L22
L24 229 SEA SPE=ON ABB=ON PLU=ON L23 AND (THU OR PAC OR PKT OR BAC
OR DMA)/RL
L25 76 SEA SPE=ON ABB=ON PLU=ON L24 AND (PRY<=2001 OR AY<=2001 OR
PY<=2001 OR PD<=2001)
L26 ANALYZE PLU=ON L25 1- RN : 1750 TERMS
D

FILE 'REGISTRY' ENTERED AT 11:43:08 ON 15 JAN 2010
L27 1 SEA SPE=ON ABB=ON PLU=ON 89-57-6/RN

Serial#: 10/594,046

FILE 'HCAPLUS' ENTERED AT 11:43:24 ON 15 JAN 2010

L28 2675 SEA SPE=ON ABB=ON PLU=ON L27

L29 1 SEA SPE=ON ABB=ON PLU=ON L25 NOT L28

L30 75 SEA SPE=ON ABB=ON PLU=ON L27 AND L25

L31 1 SEA SPE=ON ABB=ON PLU=ON L25 NOT L30

L32 5 SEA SPE=ON ABB=ON PLU=ON L30 AND 1-7/SC, SX

L33 231733 SEA SPE=ON ABB=ON PLU=ON INFLAMED/OBI OR INFLAMMATION/OBI
OR INFLAMMATORY/OBI

L34 1077 SEA SPE=ON ABB=ON PLU=ON L22(L) L33

L35 34 SEA SPE=ON ABB=ON PLU=ON L20 AND L34

L36 13 SEA SPE=ON ABB=ON PLU=ON L35 AND (PRY<=2001 OR AY<=2001 OR
PY<=2001 OR PD<=2001)

L37 3803 SEA SPE=ON ABB=ON PLU=ON L22 AND L33

L38 123 SEA SPE=ON ABB=ON PLU=ON L20 AND L37

L39 38 SEA SPE=ON ABB=ON PLU=ON L38 AND (PRY<=2001 OR AY<=2001 OR
PY<=2001 OR PD<=2001)

L40 38 SEA SPE=ON ABB=ON PLU=ON L36 OR L39

FILE 'HCAPLUS' ENTERED AT 12:07:22 ON 15 JAN 2010

L41 30 SEA SPE=ON ABB=ON PLU=ON L25 AND L33

L42 38 SEA SPE=ON ABB=ON PLU=ON L40 OR L41

L43 1 SEA SPE=ON ABB=ON PLU=ON L21 AND L34

L44 1 SEA SPE=ON ABB=ON PLU=ON L21 AND L22

L45 3 SEA SPE=ON ABB=ON PLU=ON L20 AND L21

FILE 'WPIX' ENTERED AT 12:30:29 ON 15 JAN 2010

L46 1 SEA SSS SAM L8

L47 3 SEA SSS FUL L8

L48 0 SEA SSS SAM L14

L49 6 SEA SSS FUL L14

L50 9 SEA SPE=ON ABB=ON PLU=ON L47 OR L49

L51 0 SEA SSS SAM L17

L52 1 SEA SSS FUL L17

L53 459 SEA SPE=ON ABB=ON PLU=ON L50/DCR

L54 3 SEA SPE=ON ABB=ON PLU=ON L52/DCR

L55 218 SEA SPE=ON ABB=ON PLU=ON (INFLAMED OR INFLAMMATION OR
INFLAMMATORY) (2A) COLON?

L56 1 SEA SPE=ON ABB=ON PLU=ON L53 AND L54

FILE 'HCAPLUS' ENTERED AT 13:04:34 ON 15 JAN 2010

L57 72 SEA SPE=ON ABB=ON PLU=ON EKWURIBE N7/AU

L58 118 SEA SPE=ON ABB=ON PLU=ON LIDDLE R7/AU

L59 3 SEA SPE=ON ABB=ON PLU=ON L45 AND ((L57 OR L58))

L60 2 SEA SPE=ON ABB=ON PLU=ON L57 AND L58

L61 4 SEA SPE=ON ABB=ON PLU=ON L59 OR L60

FILE 'WPIX' ENTERED AT 13:07:08 ON 15 JAN 2010

L62 49 SEA SPE=ON ABB=ON PLU=ON EKWURIBE N7/AU

L63 9 SEA SPE=ON ABB=ON PLU=ON LIDDLE R7/AU

L64 1 SEA SPE=ON ABB=ON PLU=ON L56 AND ((L62 OR L63))

L65 1 SEA SPE=ON ABB=ON PLU=ON L62 AND L63

L66 1 SEA SPE=ON ABB=ON PLU=ON L64 OR L65

FILE 'REGISTRY' ENTERED AT 13:09:35 ON 15 JAN 2010

FILE 'HCAPLUS' ENTERED AT 13:09:38 ON 15 JAN 2010
D STAT QUE L61

FILE 'WPIX' ENTERED AT 13:09:55 ON 15 JAN 2010
D STAT QUE L66

Serial#: 10/594,046

FILE 'HCAPLUS, WPIX' ENTERED AT 13:10:09 ON 15 JAN 2010
L67 4 DUP REMOVE L61 L66 (1 DUPLICATE REMOVED)
ANSWERS '1-4' FROM FILE HCAPLUS
D L67 IBIB ABS HITIND HITSTR 1-4

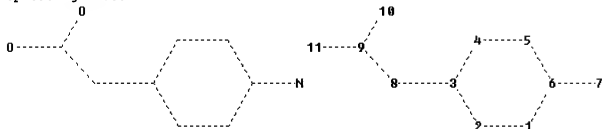
FILE 'HCAPLUS' ENTERED AT 13:10:29 ON 15 JAN 2010
D STAT QUE L20
D STAT QUE L21
D STAT QUE L45

FILE 'WPIX' ENTERED AT 13:10:51 ON 15 JAN 2010
D STAT QUE L56

FILE 'HCAPLUS, WPIX' ENTERED AT 13:11:05 ON 15 JAN 2010
L68 3 DUP REMOVE L45 L56 (1 DUPLICATE REMOVED)
ANSWERS '1-3' FROM FILE HCAPLUS
L69 0 SEA SPE=ON ABB=ON PLU=ON L68 NOT L67

=>

Uploading L4.str

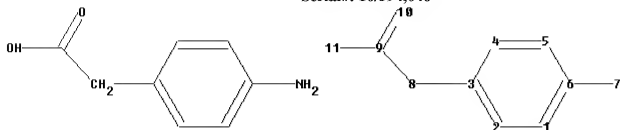


chain nodes :
7 8 9 10 11
ring nodes :
1 2 3 4 5 6
chain bonds :
3-8 6-7 8-9 9-10 9-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 3-8 4-5 5-6 6-7 8-9 9-10 9-11

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS

Uploading L7.str

Serial#: 10/594,046



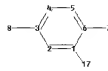
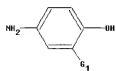
```

chain nodes :
7 8 9 10 11
ring nodes :
1 2 3 4 5 6
chain bonds :
3-8 6-7 8-9 9-10 9-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
6-7
exact bonds :
3-8 8-9
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-11

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS

Uploading L13.str



```

chain nodes :
7 8 9 10 11 12 13 14 15 16 17
ring nodes :
1 2 3 4 5 6
chain bonds :
1-17 3-8 6-7 9-10 9-12 10-11 13-14 13-15 15-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-17 3-8 6-7 13-14 13-15 15-16
exact bonds :
10-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-12

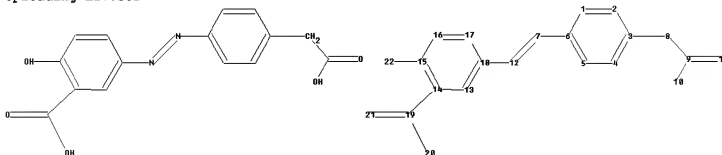
```

$$G1: [*1], [*2]$$

Match level :

```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
```

Uploading L17.str



```
chain nodes :
7 8 9 10 11 12 19 20 21 22
ring nodes :
1 2 3 4 5 6 13 14 15 16 17 18
chain bonds :
3-8 6-7 7-12 8-9 9-10 9-11 12-18 14-19 15-22 19-20 19-21
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-18 14-15 15-16 16-17 17-18
exact/norm bonds :
6-7 7-12 12-18 15-22
exact bonds :
3-8 8-9 14-19
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-11 13-14 13-18 14-15 15-16 16-17 17-18
19-20 19-21
```

Match level :

```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 21:CLASS
22:CLASS
```